

Data Path : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Data\PQ062022\
 Data File : PQ058190.D
 Signal(s) : Signal #1: ECD1A.ch Signal #2: ECD2B.ch
 Acq On : 20 Jun 2022 14:37
 Operator : YP\AJ
 Sample : PB145666BS
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:36:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
 Quant Title : GC EXTRACTABLES
 QLast Update : Thu Jun 09 05:05:02 2022
 Response via : Initial Calibration
 Integrator: ChemStation

Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml

System Monitoring Compounds							
1)	SA Tetrachlo...	4.688	4.050	234.4E6	237.1E6	15.820	15.391
2)	SA Decachlor...	10.605	9.192	442.8E6	375.6E6	31.687	33.512
Target Compounds							
3)	L1 AR-1016-1	5.872	5.155	32318929	36374029	81.761	73.481
4)	L1 AR-1016-2	5.894	5.175	64685612	77012893	96.391	108.886
5)	L1 AR-1016-3	5.959	5.355	47984721	32263446	116.171	87.573
6)	L1 AR-1016-4	6.060	5.392	65628735	25505664	186.224	86.590 #
7)	L1 AR-1016-5	6.352	5.611	31853331	31201678	103.917	81.780
8)	L2 AR-1221-1	4.901	4.263	5090921	3859880	32.770	23.775 #
9)	L2 AR-1221-2	4.990	4.355	8948300	8718423	78.381	76.921
10)	L2 AR-1221-3	5.068	4.432	26498456	24662371	71.358	64.418
11)	L3 AR-1232-1	5.068	4.432	26498456	24662371	96.069	83.610
12)	L3 AR-1232-2	5.602	5.175	38090748	77012893	277.393	269.651
13)	L3 AR-1232-3	5.894	5.355	64685612	32263446	236.433	219.901
14)	L3 AR-1232-4	6.060	5.436	65628735	30616049	467.898	232.943 #
15)	L3 AR-1232-5	6.136	5.611	27747937	31201678	330.742	211.615 #
16)	L4 AR-1242-1	5.872	5.155	32318929	36374029	101.240	89.947
17)	L4 AR-1242-2	5.894	5.175	64685612	77012893	118.048	133.389
18)	L4 AR-1242-3	5.959	5.355	47984721	32263446	142.661	106.778 #
19)	L4 AR-1242-4	6.060	5.436	65628735	30616049	227.494	104.497 #
20)	L4 AR-1242-5	6.797	5.966	3605774	26752327	12.936	71.508 #
21)	L5 AR-1248-1	5.872	5.155	32318929	36374029	131.351	116.691
22)	L5 AR-1248-2	6.136	5.392	27747937	25505664	85.778	60.637 #
23)	L5 AR-1248-3	6.352	5.436	31853331	30616049	76.273	69.557
24)	L5 AR-1248-4	6.756	5.611	4213798	31201678	9.204	59.158 #
25)	L5 AR-1248-5	6.797	6.006	3605774	3783815	7.583	7.203
26)	L6 AR-1254-1	6.728	5.966	19727087	26752327	45.836	33.407 #
27)	L6 AR-1254-2	6.945	6.111	21405148	26018375	31.680	37.536
28)	L6 AR-1254-3	7.317	6.534	15977035	56676227	19.370	49.554 #
29)	L6 AR-1254-4	7.603	6.748	6630048	3937348	11.981	5.717 #
30)	L6 AR-1254-5	8.022	7.167	73636396	86614719	117.180	90.761
31)	L7 AR-1260-1	7.478	6.651	48333349	67005860	101.805	100.003
32)	L7 AR-1260-2	7.734	6.835	55870846	81871435	97.079	101.744
33)	L7 AR-1260-3	8.022	6.994	73636396	74213694	100.004	98.156
34)	L7 AR-1260-4	8.333	7.468	48183284	53138525	88.136	84.029
35)	L7 AR-1260-5	8.673	7.704	92179925	116.3E6	77.493	78.713
36)	L8 AR-1262-1	8.094	7.167	38582489	86614719	54.577	170.044 #
37)	L8 AR-1262-2	8.673	7.704	92179925	116.3E6	64.170	65.909
38)	L8 AR-1262-3	9.002	7.991	17171098	22807555	23.367	33.680 #
39)	L8 AR-1262-4	9.083	8.054	39520609	80902555	63.332	64.669
40)	L8 AR-1262-5	9.806	8.580	24258532	22725858	40.497	43.073
41)	L9 AR-1268-1	9.002	7.991	17171098	22807555	9.632	11.419

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 Misc :
 ALS Vial : 25 Sample Multiplier: 1

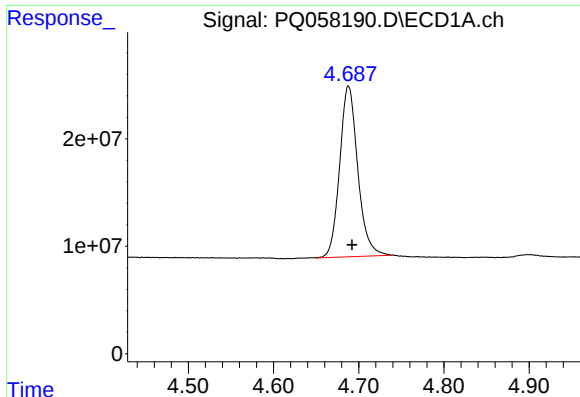
Instrument :
 ECD_Q
 ClientSampleId :

Integration File signal 1: autoint1.e
 Integration File signal 2: autoint2.e
 Quant Time: Jun 21 02:36:23 2022
 Quant Method : Z:\pestpcbsrv\HPCHEM1\ECD_Q\Method\PQ060822CLP.M
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Volume Inj. : 1 µl
 Signal #1 Phase : ZB MR1 Signal #2 Phase: ZB MR2
 Signal #1 Info : 30Mx0.32mmx 0.5µm Signal #2 Info : 30M x 0.32mm x 0.25µm

	Compound	RT#1	RT#2	Resp#1	Resp#2	ng/ml	ng/ml
42) L9	AR-1268-2	9.083	8.054	39520609	80902555	20.970	44.665 #
43) L9	AR-1268-3	9.340	8.274	3193303	2882191	1.890	1.846
44) L9	AR-1268-4	9.806	8.580	24258532	22725858	38.517	38.394
45) L9	AR-1268-5	10.245	8.903	11812656	8925032	2.136	1.997

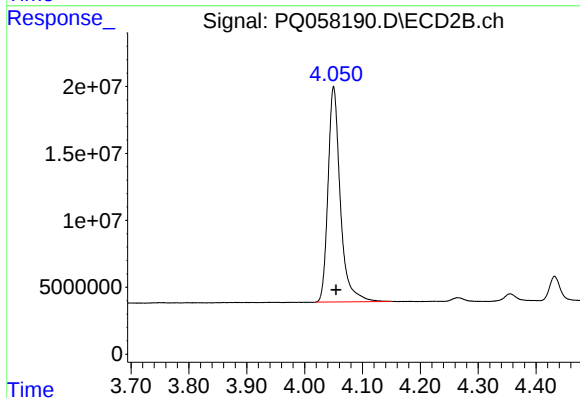
(f)=RT Delta > 1/2 Window (#)=Amounts differ by > 25% (m)=manual int.



#1 Tetrachloro-m-xylene

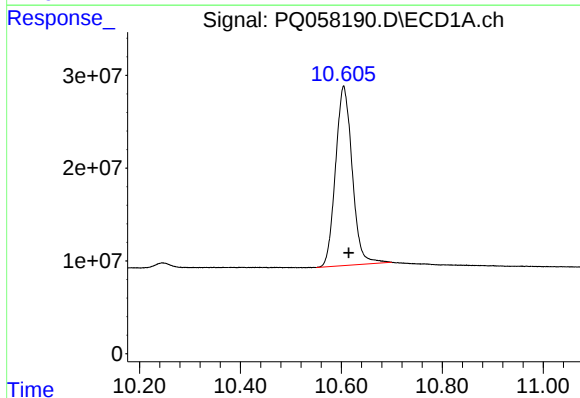
R.T.: 4.688 min
Delta R.T.: -0.004 min
Response: 234439297
Conc: 15.82 ng/ml

Instrument :
ECD_Q
ClientSampleId :



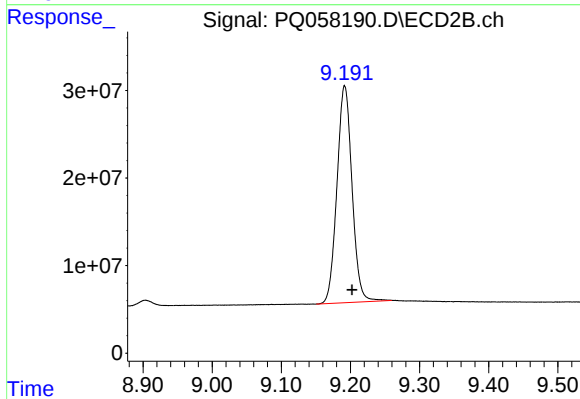
#1 Tetrachloro-m-xylene

R.T.: 4.050 min
Delta R.T.: -0.004 min
Response: 237141646
Conc: 15.39 ng/ml



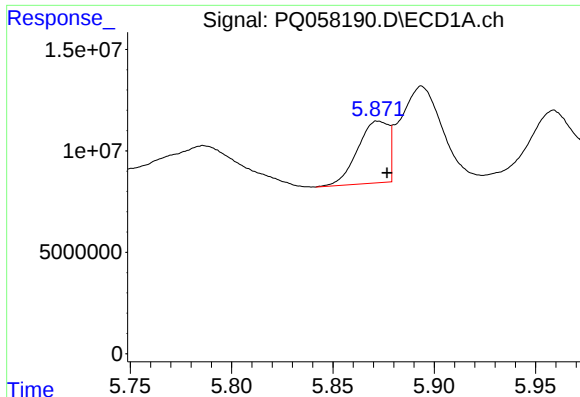
#2 Decachlorobiphenyl

R.T.: 10.605 min
Delta R.T.: -0.010 min
Response: 442753835
Conc: 31.69 ng/ml



#2 Decachlorobiphenyl

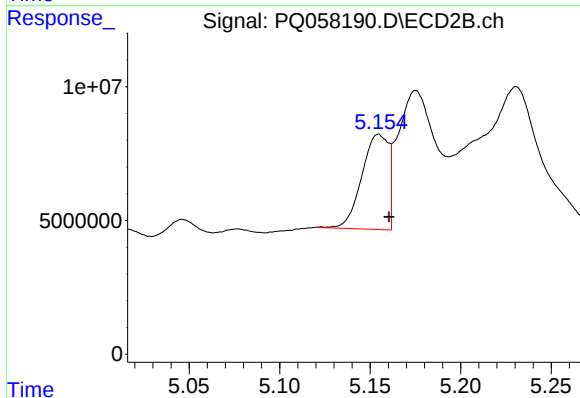
R.T.: 9.192 min
Delta R.T.: -0.011 min
Response: 375551523
Conc: 33.51 ng/ml



#3 AR-1016-1

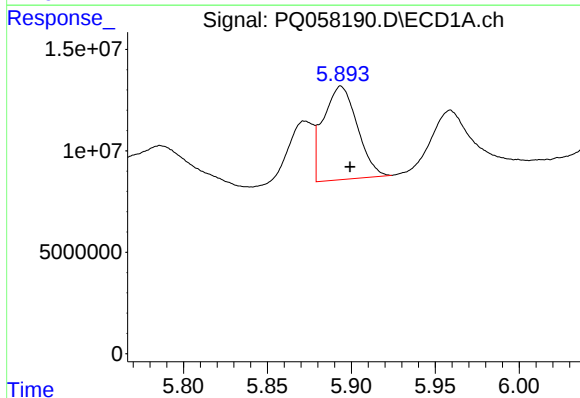
R.T.: 5.872 min
Delta R.T.: -0.005 min
Response: 32318929
Conc: 81.76 ng/ml

Instrument :
ECD_Q
ClientSampleId :



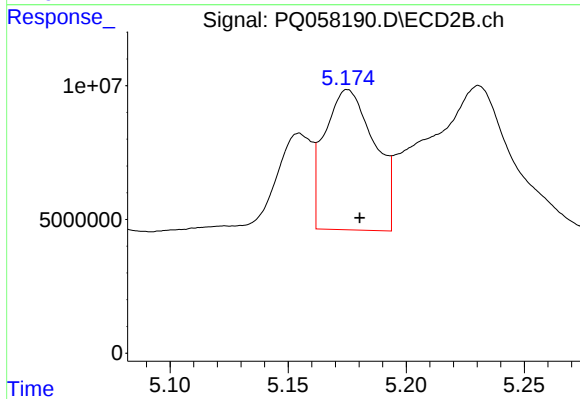
#3 AR-1016-1

R.T.: 5.155 min
Delta R.T.: -0.006 min
Response: 36374029
Conc: 73.48 ng/ml



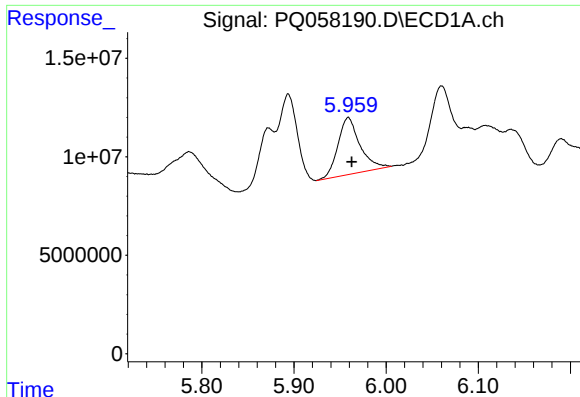
#4 AR-1016-2

R.T.: 5.894 min
Delta R.T.: -0.005 min
Response: 64685612
Conc: 96.39 ng/ml



#4 AR-1016-2

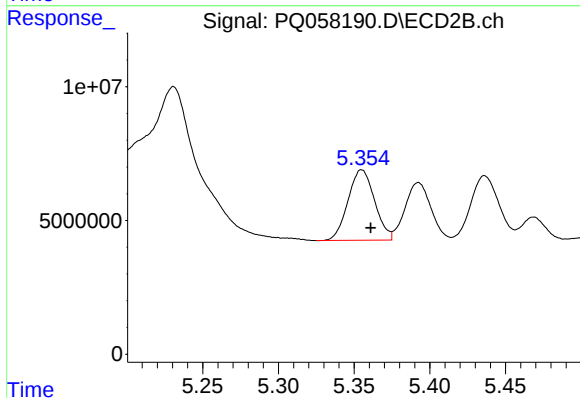
R.T.: 5.175 min
Delta R.T.: -0.005 min
Response: 77012893
Conc: 108.89 ng/ml



#5 AR-1016-3

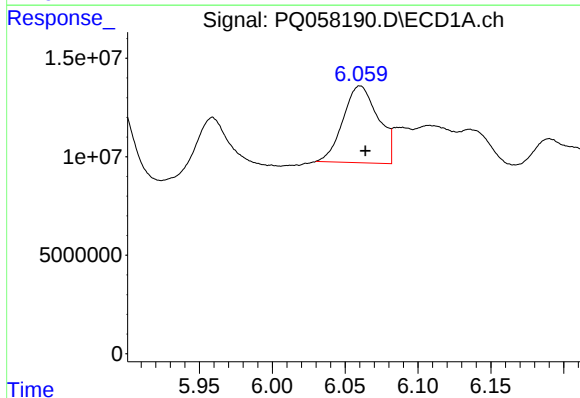
R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 47984721
Conc: 116.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



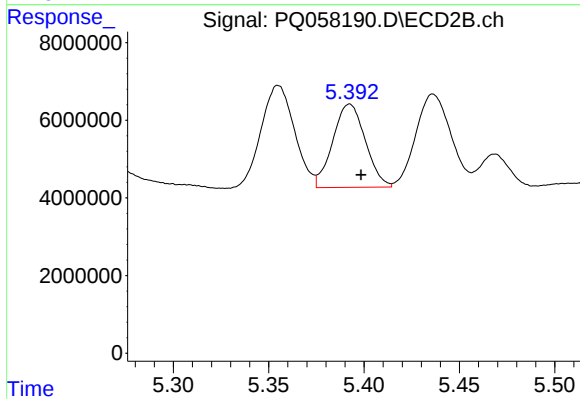
#5 AR-1016-3

R.T.: 5.355 min
Delta R.T.: -0.006 min
Response: 32263446
Conc: 87.57 ng/ml



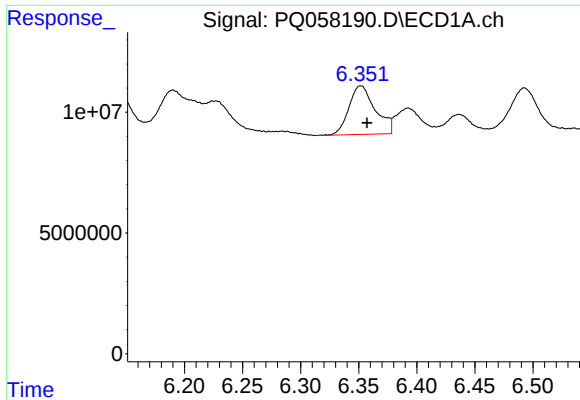
#6 AR-1016-4

R.T.: 6.060 min
Delta R.T.: -0.004 min
Response: 65628735
Conc: 186.22 ng/ml



#6 AR-1016-4

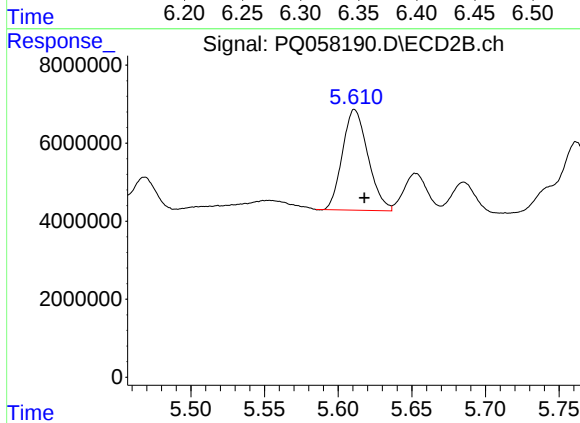
R.T.: 5.392 min
Delta R.T.: -0.006 min
Response: 25505664
Conc: 86.59 ng/ml



#7 AR-1016-5

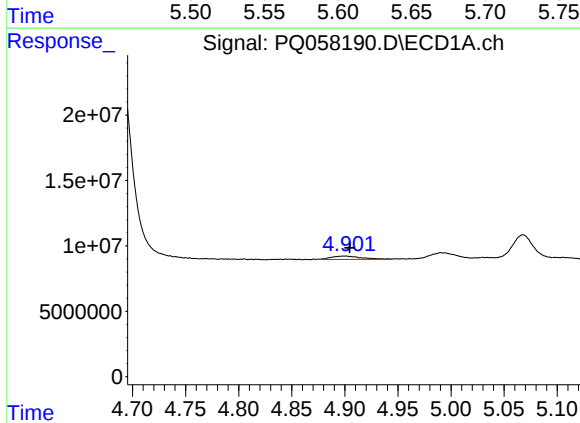
R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 31853331
Conc: 103.92 ng/ml

Instrument :
ECD_Q
ClientSampleId :



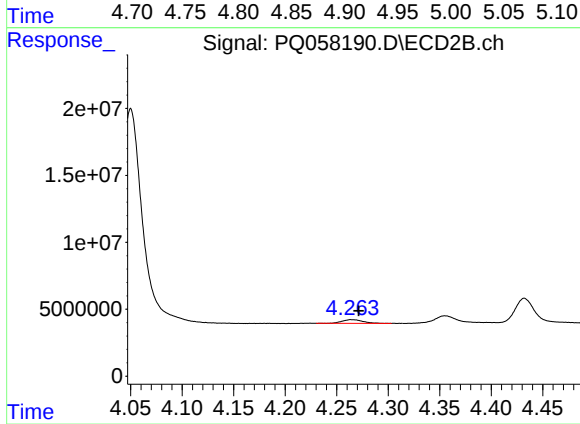
#7 AR-1016-5

R.T.: 5.611 min
Delta R.T.: -0.007 min
Response: 31201678
Conc: 81.78 ng/ml



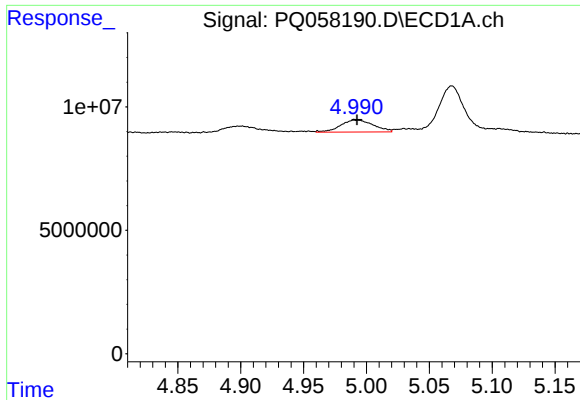
#8 AR-1221-1

R.T.: 4.901 min
Delta R.T.: -0.003 min
Response: 5090921
Conc: 32.77 ng/ml



#8 AR-1221-1

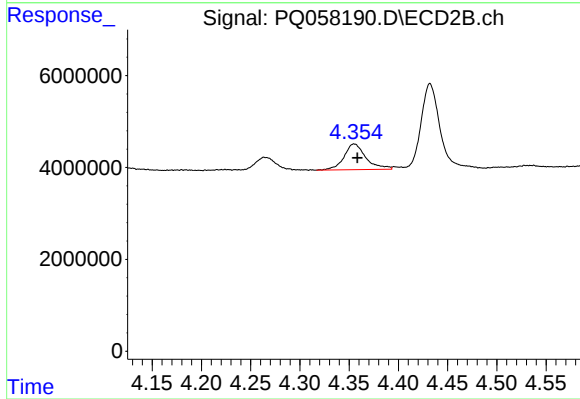
R.T.: 4.263 min
Delta R.T.: -0.008 min
Response: 3859880
Conc: 23.78 ng/ml



#9 AR-1221-2

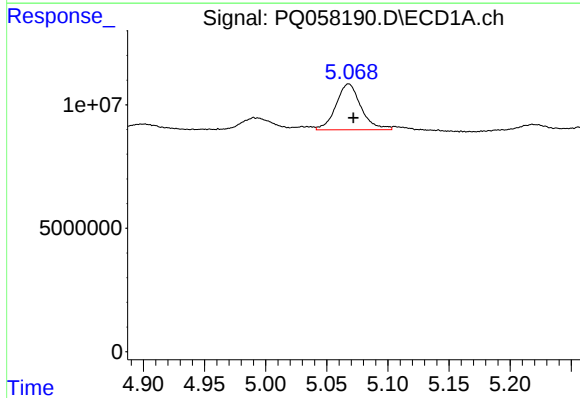
R.T.: 4.990 min
Delta R.T.: -0.002 min
Response: 8948300
Conc: 78.38 ng/ml

Instrument :
ECD_Q
ClientSampleId :



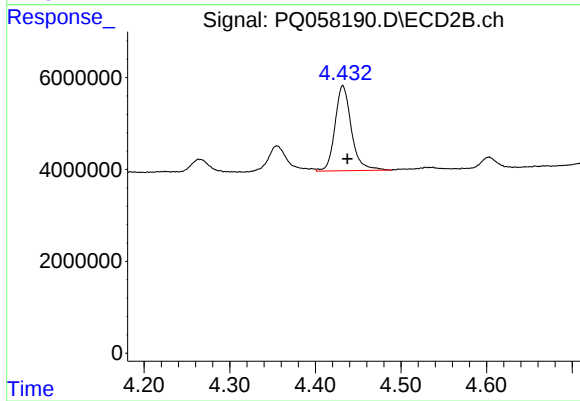
#9 AR-1221-2

R.T.: 4.355 min
Delta R.T.: -0.003 min
Response: 8718423
Conc: 76.92 ng/ml



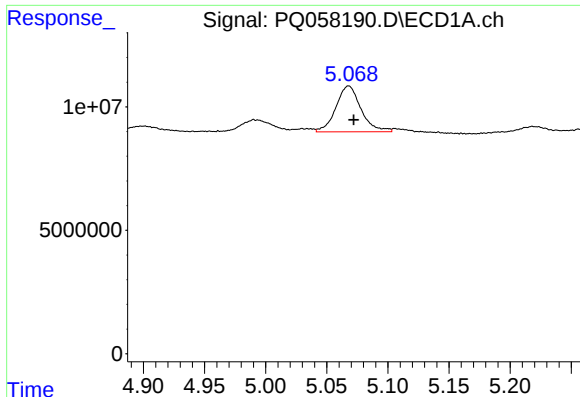
#10 AR-1221-3

R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 26498456
Conc: 71.36 ng/ml



#10 AR-1221-3

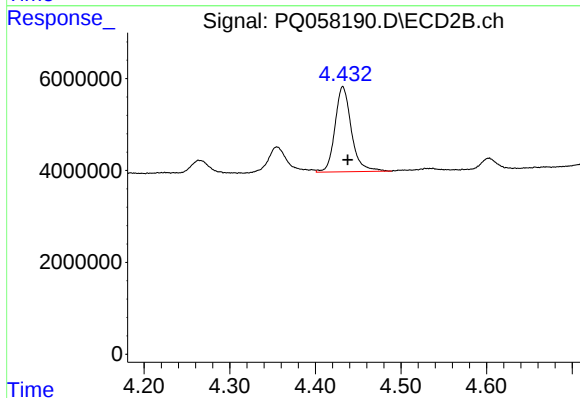
R.T.: 4.432 min
Delta R.T.: -0.005 min
Response: 24662371
Conc: 64.42 ng/ml



#11 AR-1232-1

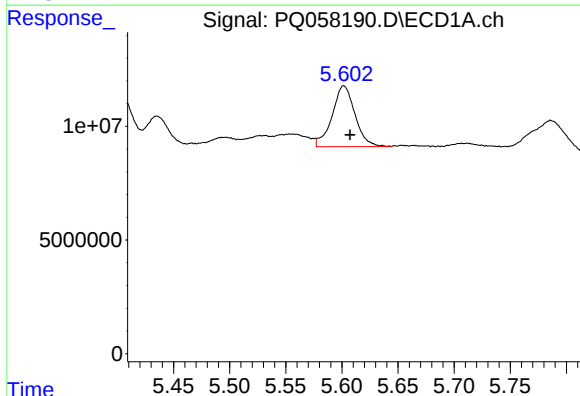
R.T.: 5.068 min
Delta R.T.: -0.004 min
Response: 26498456
Conc: 96.07 ng/ml

Instrument :
ECD_Q
ClientSampleId :



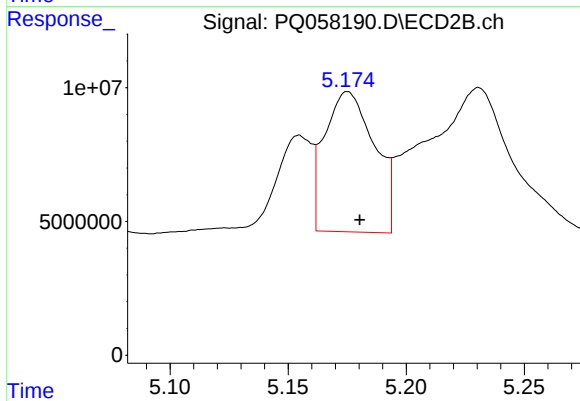
#11 AR-1232-1

R.T.: 4.432 min
Delta R.T.: -0.006 min
Response: 24662371
Conc: 83.61 ng/ml



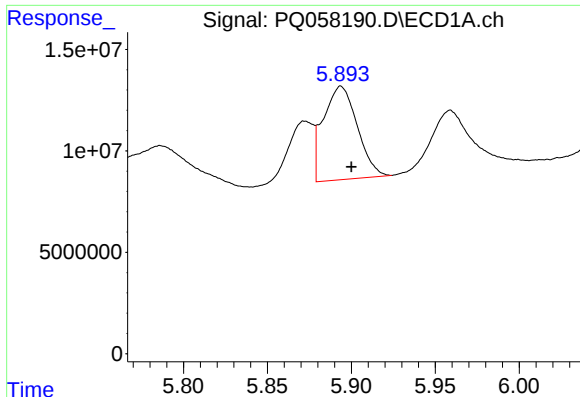
#12 AR-1232-2

R.T.: 5.602 min
Delta R.T.: -0.006 min
Response: 38090748
Conc: 277.39 ng/ml



#12 AR-1232-2

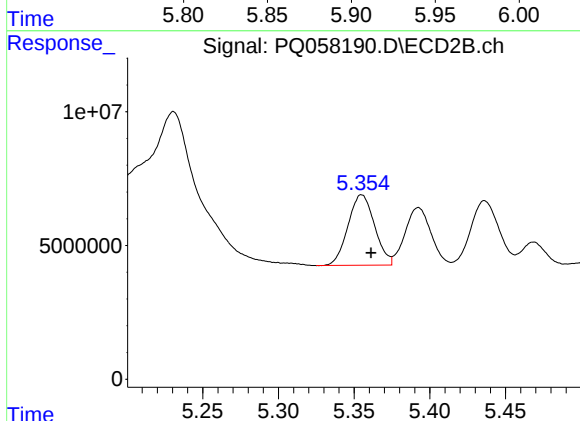
R.T.: 5.175 min
Delta R.T.: -0.005 min
Response: 77012893
Conc: 269.65 ng/ml



#13 AR-1232-3

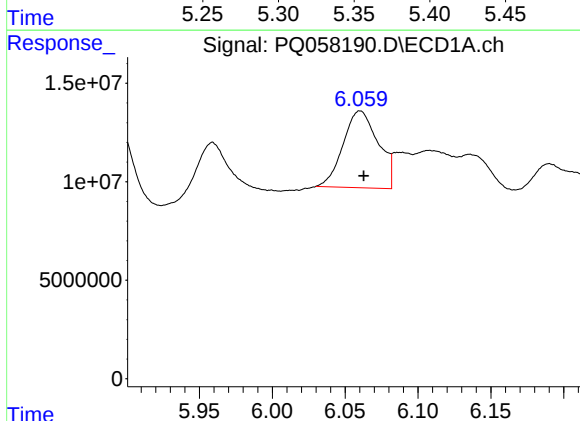
R.T.: 5.894 min
Delta R.T.: -0.006 min
Response: 64685612
Conc: 236.43 ng/ml

Instrument :
ECD_Q
ClientSampleId :



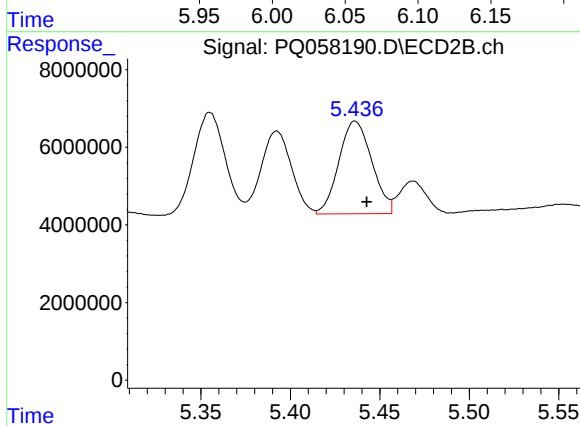
#13 AR-1232-3

R.T.: 5.355 min
Delta R.T.: -0.006 min
Response: 32263446
Conc: 219.90 ng/ml



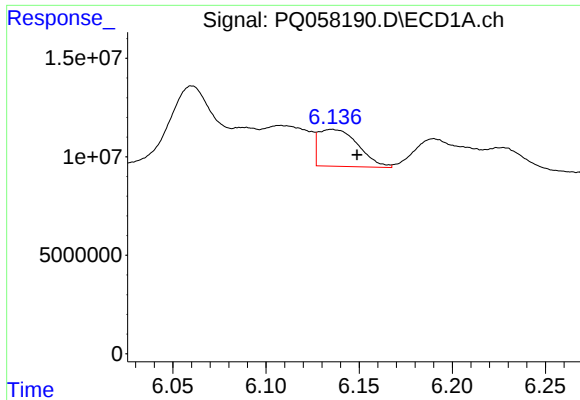
#14 AR-1232-4

R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 65628735
Conc: 467.90 ng/ml



#14 AR-1232-4

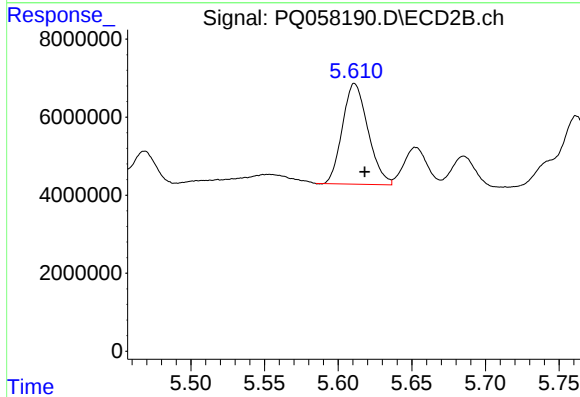
R.T.: 5.436 min
Delta R.T.: -0.007 min
Response: 30616049
Conc: 232.94 ng/ml



#15 AR-1232-5

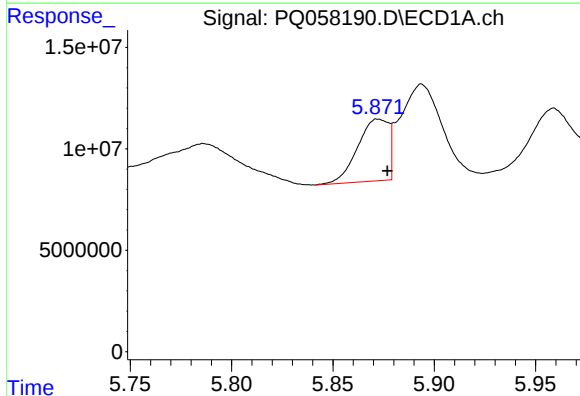
R.T.: 6.136 min
Delta R.T.: -0.013 min
Response: 27747937
Conc: 330.74 ng/ml

Instrument :
ECD_Q
ClientSampleId :



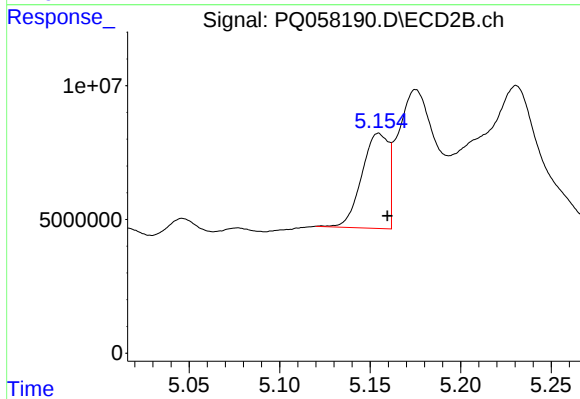
#15 AR-1232-5

R.T.: 5.611 min
Delta R.T.: -0.007 min
Response: 31201678
Conc: 211.62 ng/ml



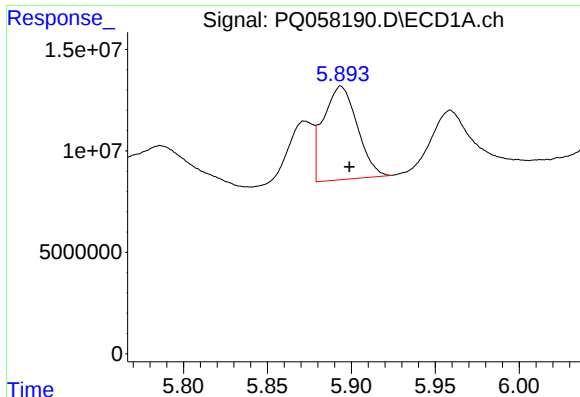
#16 AR-1242-1

R.T.: 5.872 min
Delta R.T.: -0.005 min
Response: 32318929
Conc: 101.24 ng/ml



#16 AR-1242-1

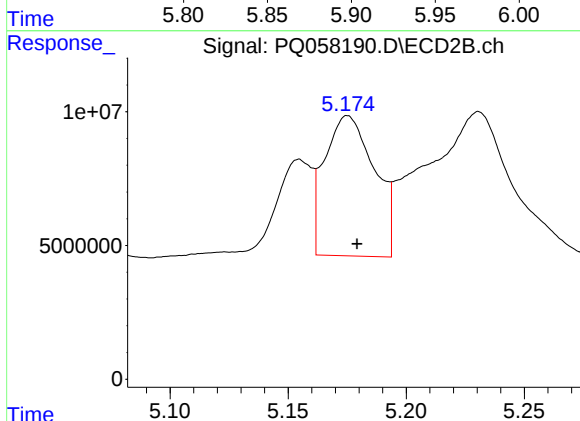
R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 36374029
Conc: 89.95 ng/ml



#17 AR-1242-2

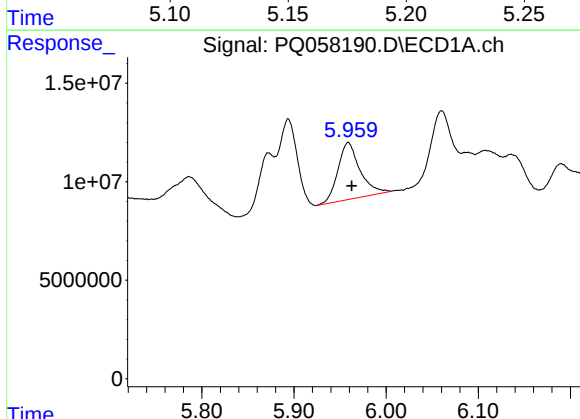
R.T.: 5.894 min
Delta R.T.: -0.005 min
Response: 64685612
Conc: 118.05 ng/ml

Instrument :
ECD_Q
ClientSampleId :



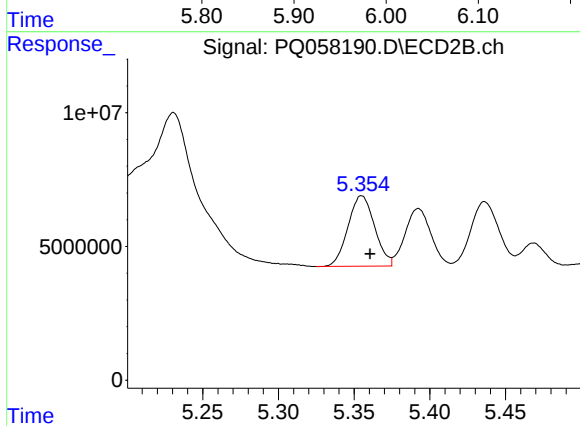
#17 AR-1242-2

R.T.: 5.175 min
Delta R.T.: -0.004 min
Response: 77012893
Conc: 133.39 ng/ml



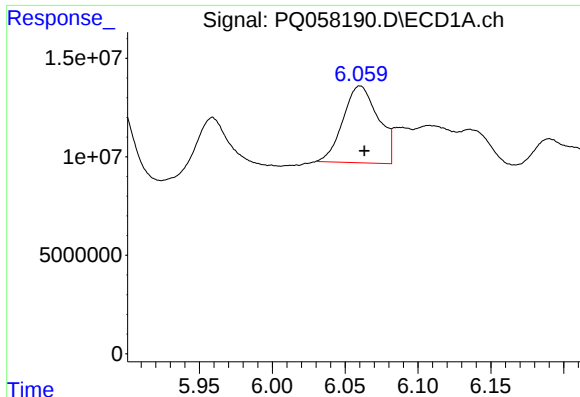
#18 AR-1242-3

R.T.: 5.959 min
Delta R.T.: -0.004 min
Response: 47984721
Conc: 142.66 ng/ml



#18 AR-1242-3

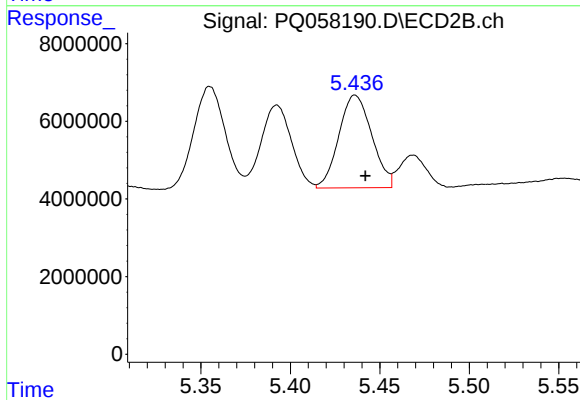
R.T.: 5.355 min
Delta R.T.: -0.006 min
Response: 32263446
Conc: 106.78 ng/ml



#19 AR-1242-4

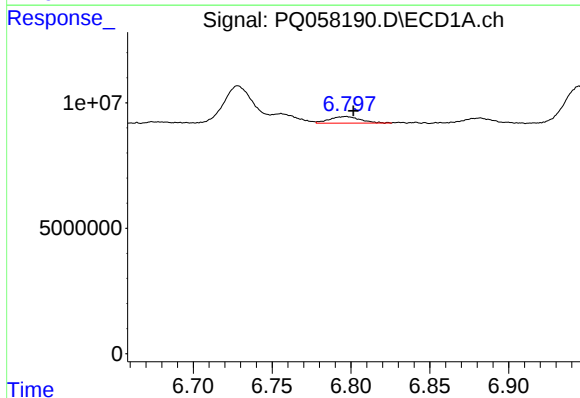
R.T.: 6.060 min
Delta R.T.: -0.003 min
Response: 65628735
Conc: 227.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



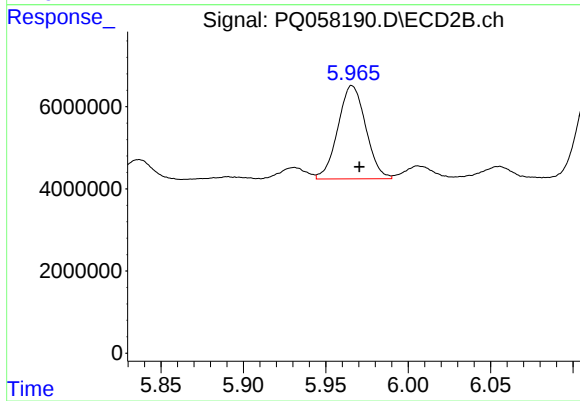
#19 AR-1242-4

R.T.: 5.436 min
Delta R.T.: -0.006 min
Response: 30616049
Conc: 104.50 ng/ml



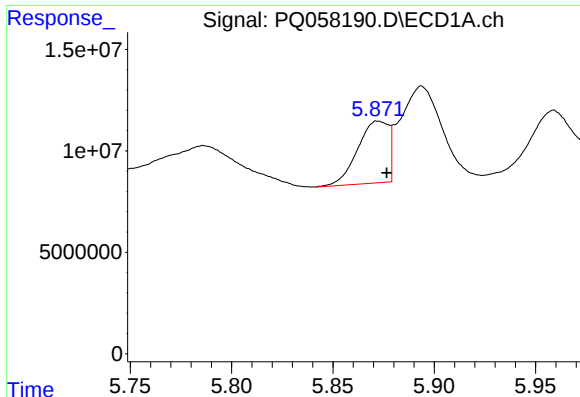
#20 AR-1242-5

R.T.: 6.797 min
Delta R.T.: -0.004 min
Response: 3605774
Conc: 12.94 ng/ml



#20 AR-1242-5

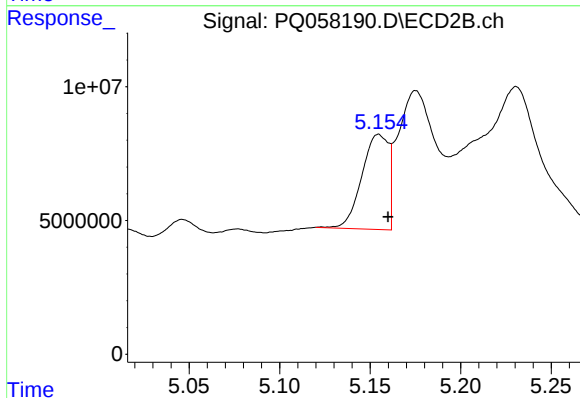
R.T.: 5.966 min
Delta R.T.: -0.004 min
Response: 26752327
Conc: 71.51 ng/ml



#21 AR-1248-1

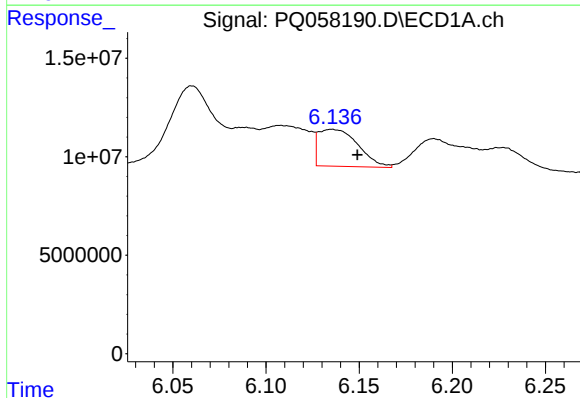
R.T.: 5.872 min
Delta R.T.: -0.005 min
Response: 32318929
Conc: 131.35 ng/ml

Instrument :
ECD_Q
ClientSampleId :



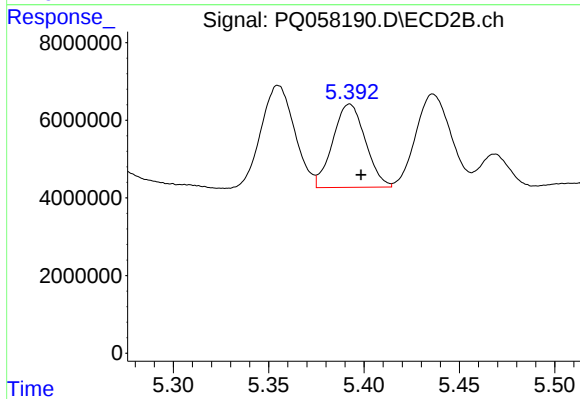
#21 AR-1248-1

R.T.: 5.155 min
Delta R.T.: -0.005 min
Response: 36374029
Conc: 116.69 ng/ml



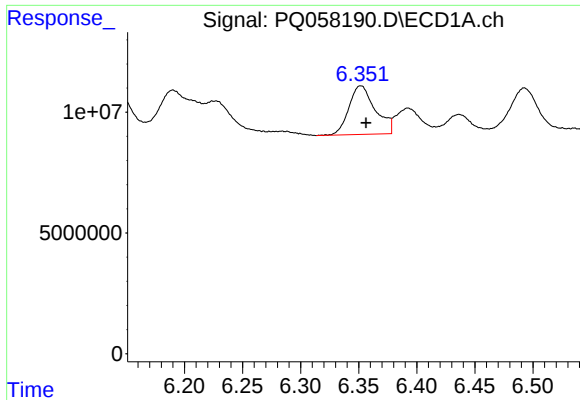
#22 AR-1248-2

R.T.: 6.136 min
Delta R.T.: -0.014 min
Response: 27747937
Conc: 85.78 ng/ml



#22 AR-1248-2

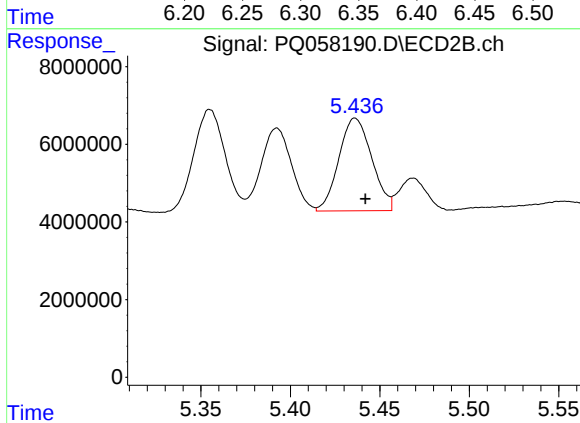
R.T.: 5.392 min
Delta R.T.: -0.006 min
Response: 25505664
Conc: 60.64 ng/ml



#23 AR-1248-3

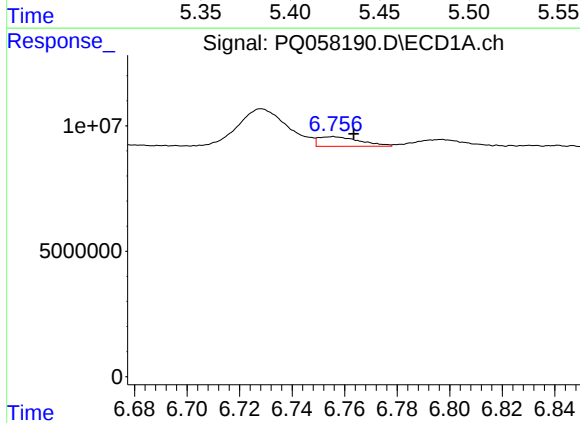
R.T.: 6.352 min
Delta R.T.: -0.005 min
Response: 31853331
Conc: 76.27 ng/ml

Instrument :
ECD_Q
ClientSampleId :



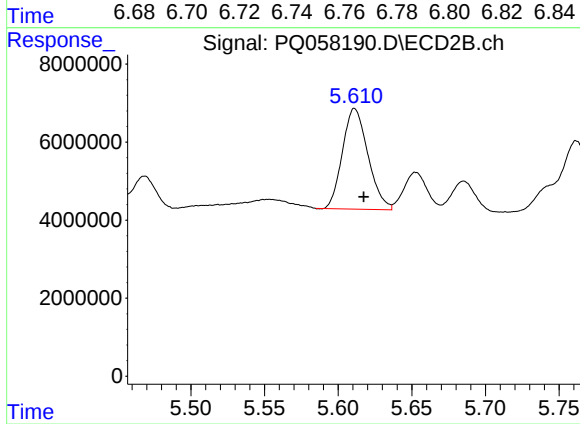
#23 AR-1248-3

R.T.: 5.436 min
Delta R.T.: -0.006 min
Response: 30616049
Conc: 69.56 ng/ml



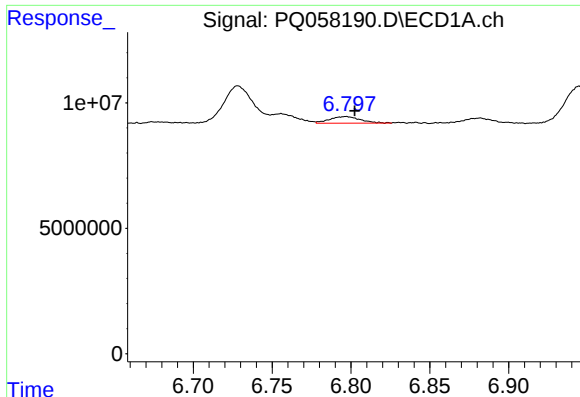
#24 AR-1248-4

R.T.: 6.756 min
Delta R.T.: -0.008 min
Response: 4213798
Conc: 9.20 ng/ml



#24 AR-1248-4

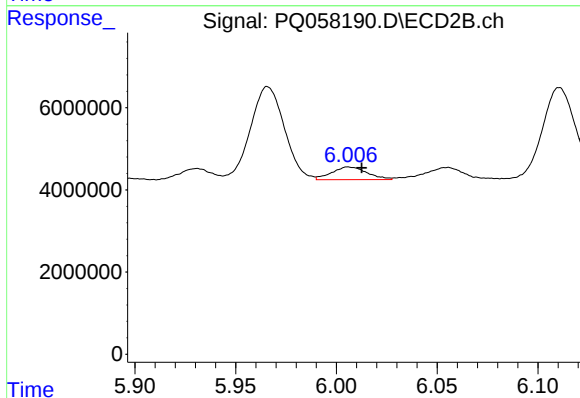
R.T.: 5.611 min
Delta R.T.: -0.006 min
Response: 31201678
Conc: 59.16 ng/ml



#25 AR-1248-5

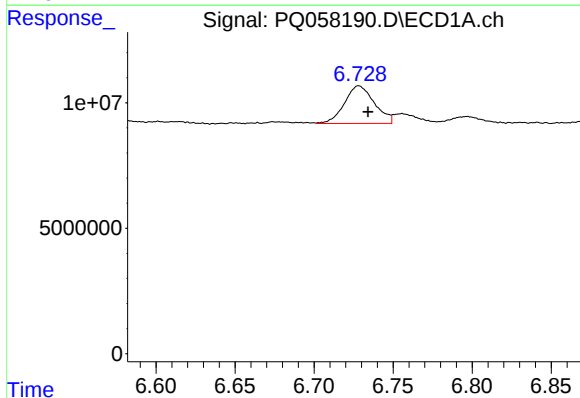
R.T.: 6.797 min
Delta R.T.: -0.005 min
Response: 3605774
Conc: 7.58 ng/ml

Instrument :
ECD_Q
ClientSampleId :



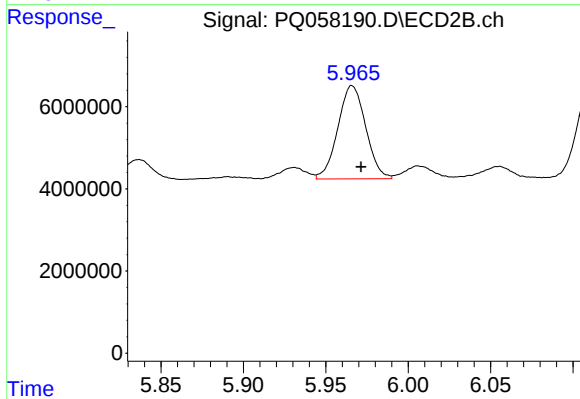
#25 AR-1248-5

R.T.: 6.006 min
Delta R.T.: -0.007 min
Response: 3783815
Conc: 7.20 ng/ml



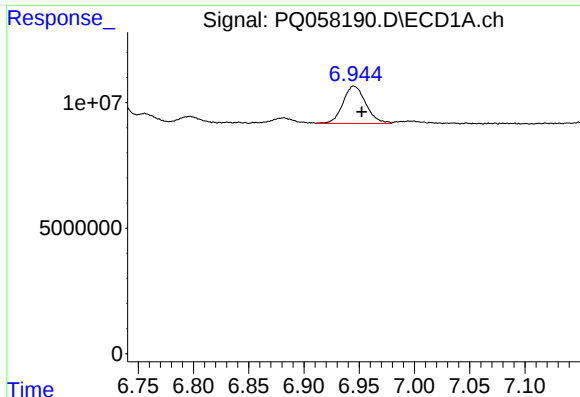
#26 AR-1254-1

R.T.: 6.728 min
Delta R.T.: -0.006 min
Response: 19727087
Conc: 45.84 ng/ml



#26 AR-1254-1

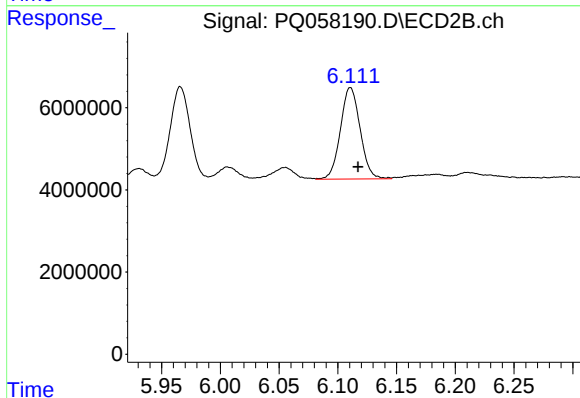
R.T.: 5.966 min
Delta R.T.: -0.005 min
Response: 26752327
Conc: 33.41 ng/ml



#27 AR-1254-2

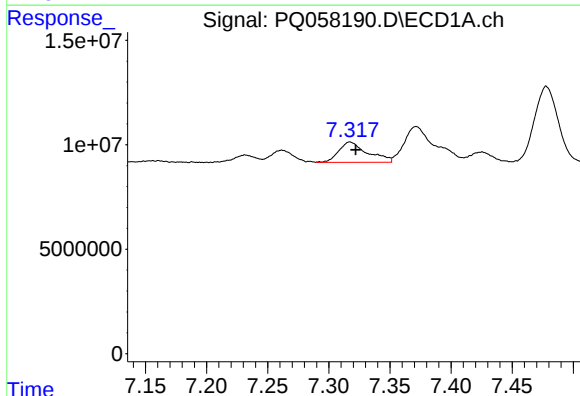
R.T.: 6.945 min
Delta R.T.: -0.008 min
Response: 21405148
Conc: 31.68 ng/ml

Instrument :
ECD_Q
ClientSampleId :



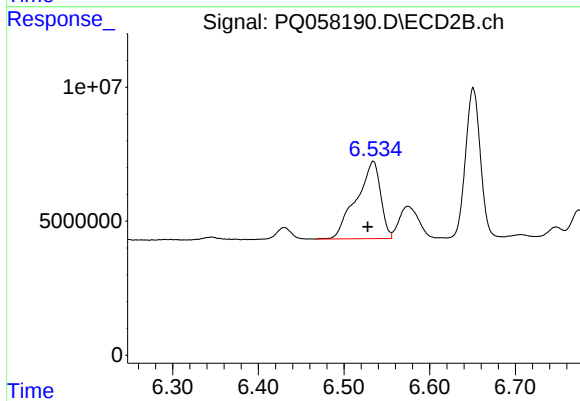
#27 AR-1254-2

R.T.: 6.111 min
Delta R.T.: -0.007 min
Response: 26018375
Conc: 37.54 ng/ml



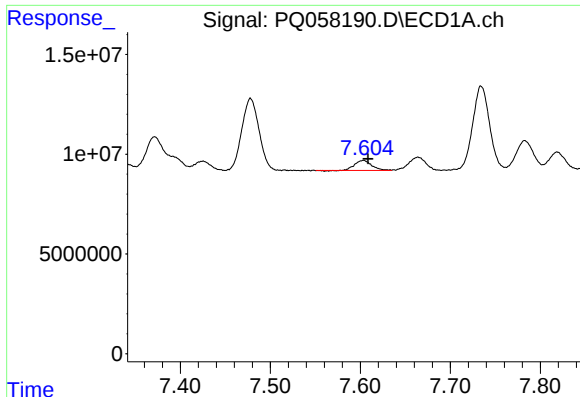
#28 AR-1254-3

R.T.: 7.317 min
Delta R.T.: -0.005 min
Response: 15977035
Conc: 19.37 ng/ml



#28 AR-1254-3

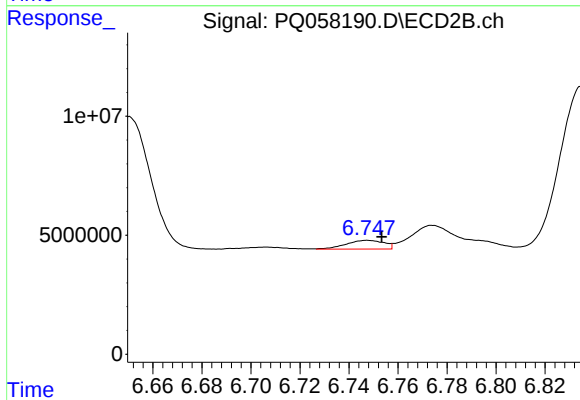
R.T.: 6.534 min
Delta R.T.: 0.007 min
Response: 56676227
Conc: 49.55 ng/ml



#29 AR-1254-4

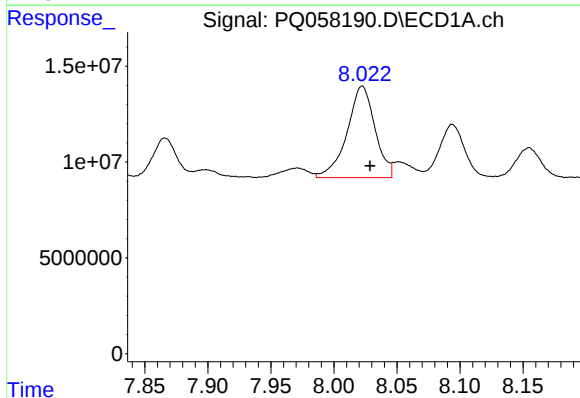
R.T.: 7.603 min
Delta R.T.: -0.005 min
Response: 6630048
Conc: 11.98 ng/ml

Instrument :
ECD_Q
ClientSampleId :



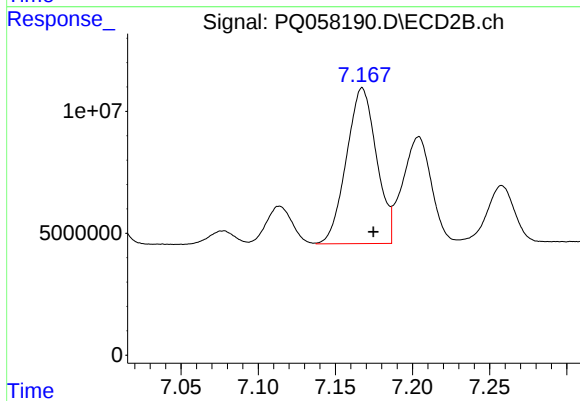
#29 AR-1254-4

R.T.: 6.748 min
Delta R.T.: -0.006 min
Response: 3937348
Conc: 5.72 ng/ml



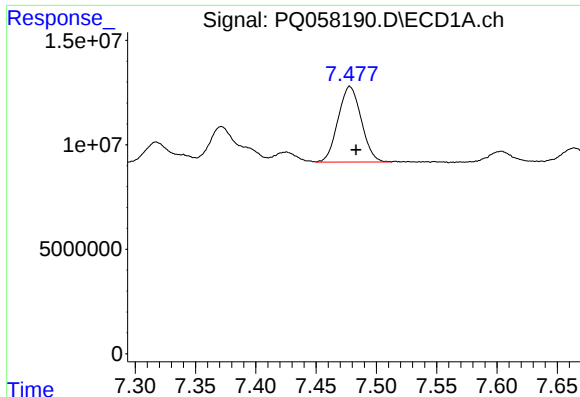
#30 AR-1254-5

R.T.: 8.022 min
Delta R.T.: -0.006 min
Response: 73636396
Conc: 117.18 ng/ml



#30 AR-1254-5

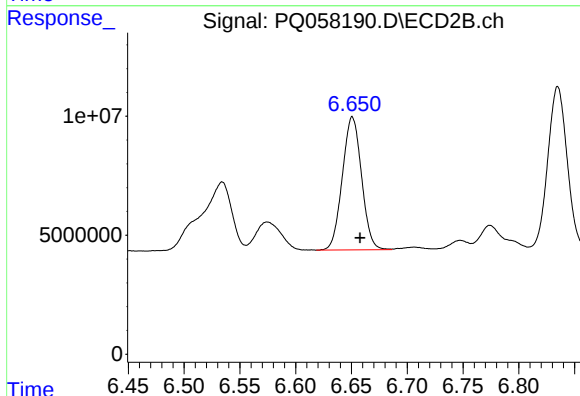
R.T.: 7.167 min
Delta R.T.: -0.007 min
Response: 86614719
Conc: 90.76 ng/ml



#31 AR-1260-1

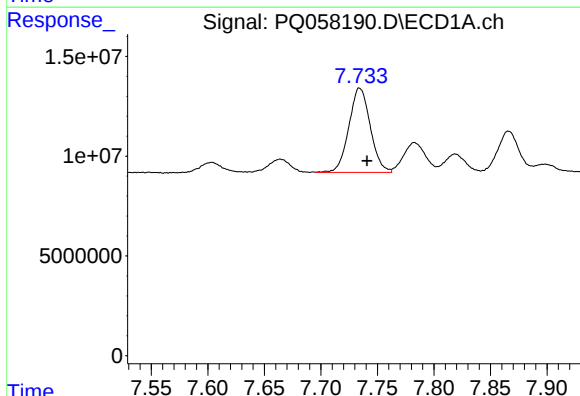
R.T.: 7.478 min
Delta R.T.: -0.005 min
Response: 48333349
Conc: 101.80 ng/ml

Instrument :
ECD_Q
ClientSampleId :



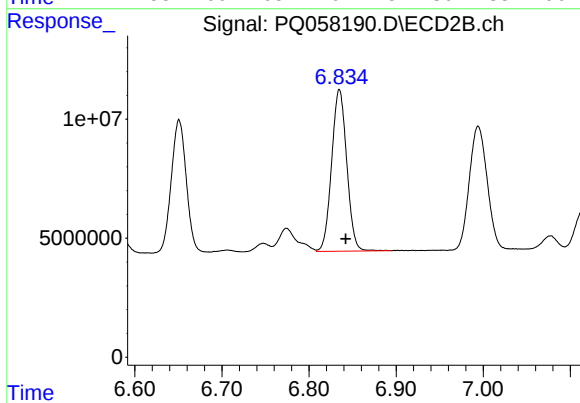
#31 AR-1260-1

R.T.: 6.651 min
Delta R.T.: -0.007 min
Response: 67005860
Conc: 100.00 ng/ml



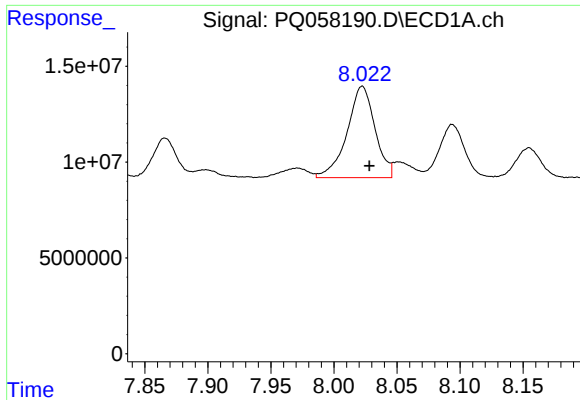
#32 AR-1260-2

R.T.: 7.734 min
Delta R.T.: -0.006 min
Response: 55870846
Conc: 97.08 ng/ml



#32 AR-1260-2

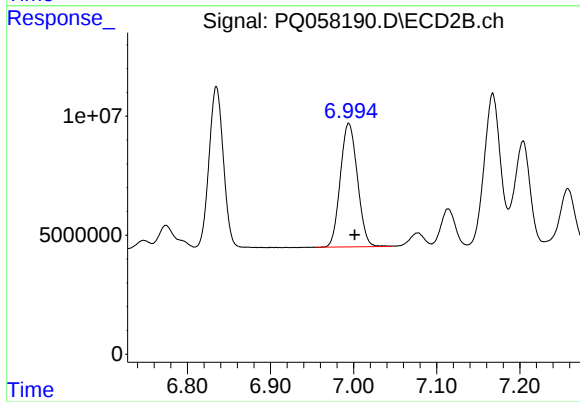
R.T.: 6.835 min
Delta R.T.: -0.007 min
Response: 81871435
Conc: 101.74 ng/ml



#33 AR-1260-3

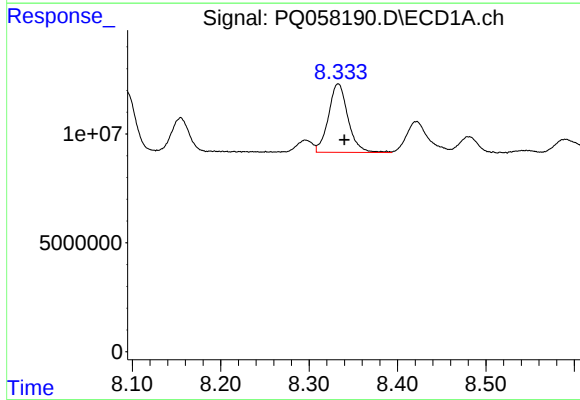
R.T.: 8.022 min
Delta R.T.: -0.006 min
Response: 73636396
Conc: 100.00 ng/ml

Instrument :
ECD_Q
ClientSampleId :



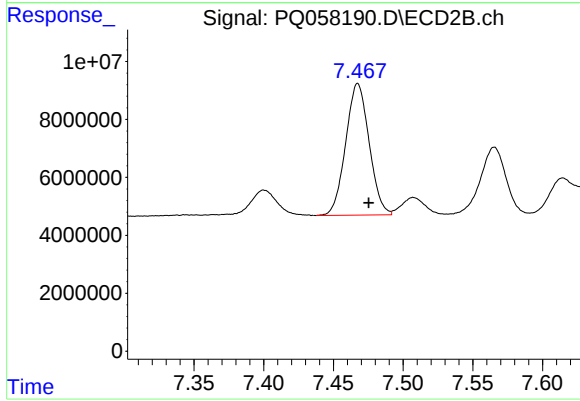
#33 AR-1260-3

R.T.: 6.994 min
Delta R.T.: -0.007 min
Response: 74213694
Conc: 98.16 ng/ml



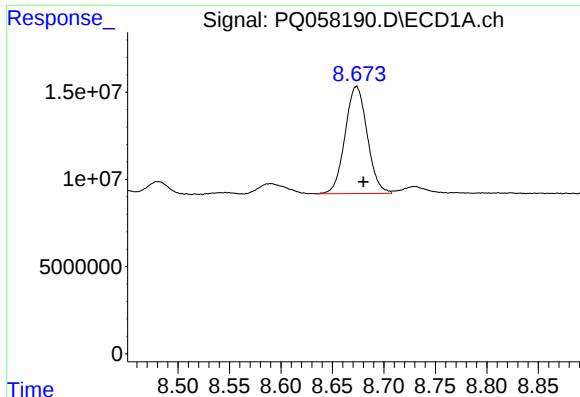
#34 AR-1260-4

R.T.: 8.333 min
Delta R.T.: -0.007 min
Response: 48183284
Conc: 88.14 ng/ml



#34 AR-1260-4

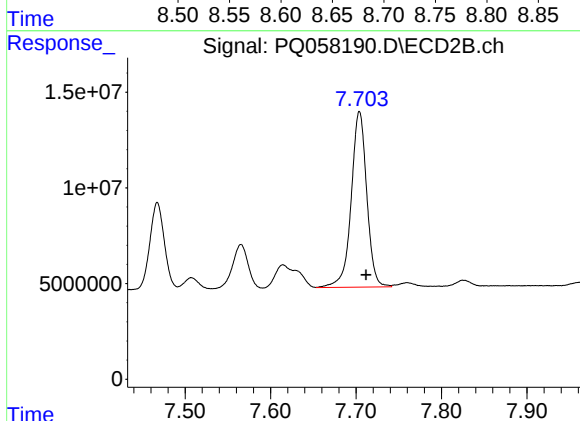
R.T.: 7.468 min
Delta R.T.: -0.008 min
Response: 53138525
Conc: 84.03 ng/ml



#35 AR-1260-5

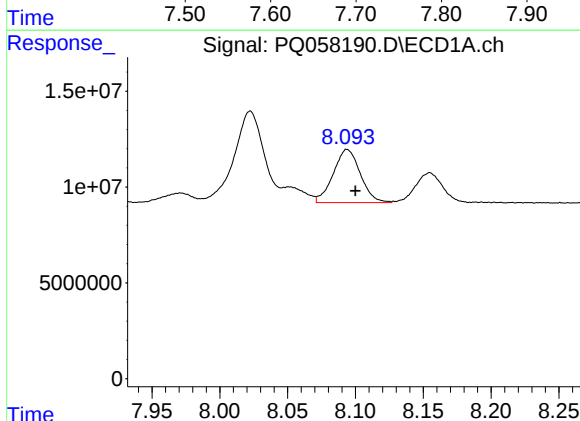
R.T.: 8.673 min
Delta R.T.: -0.007 min
Response: 92179925
Conc: 77.49 ng/ml

Instrument :
ECD_Q
ClientSampleId :



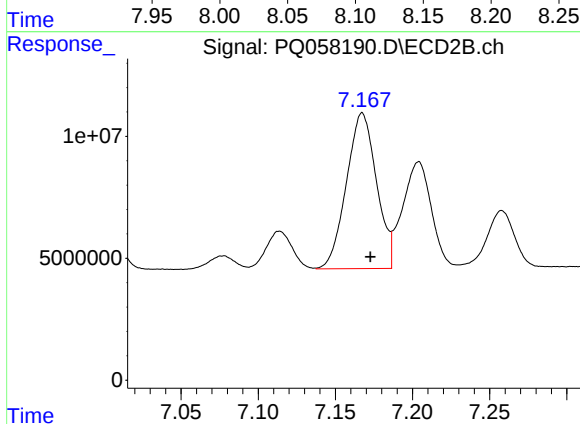
#35 AR-1260-5

R.T.: 7.704 min
Delta R.T.: -0.008 min
Response: 116313955
Conc: 78.71 ng/ml



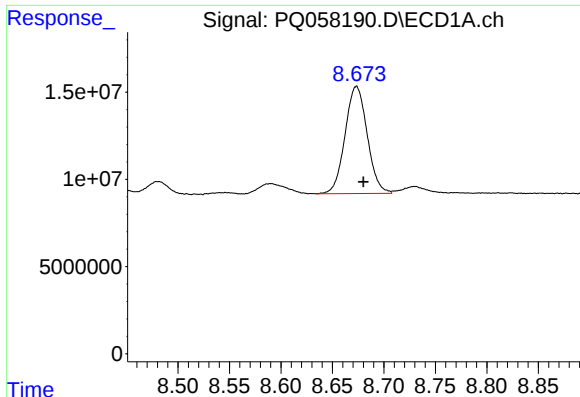
#36 AR-1262-1

R.T.: 8.094 min
Delta R.T.: -0.006 min
Response: 38582489
Conc: 54.58 ng/ml



#36 AR-1262-1

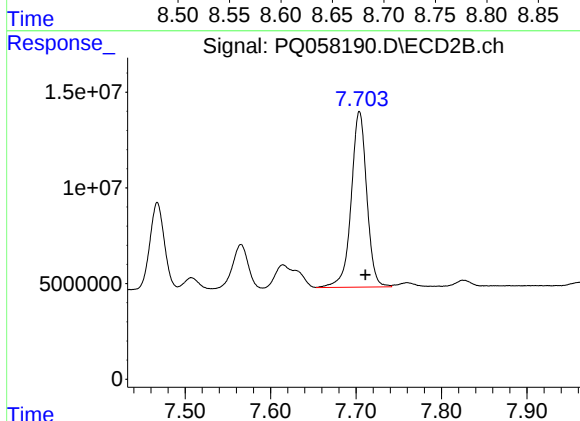
R.T.: 7.167 min
Delta R.T.: -0.005 min
Response: 86614719
Conc: 170.04 ng/ml



#37 AR-1262-2

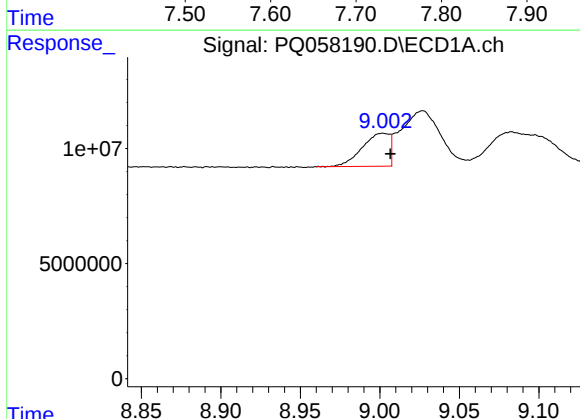
R.T.: 8.673 min
Delta R.T.: -0.007 min
Response: 92179925
Conc: 64.17 ng/ml

Instrument :
ECD_Q
ClientSampleId :



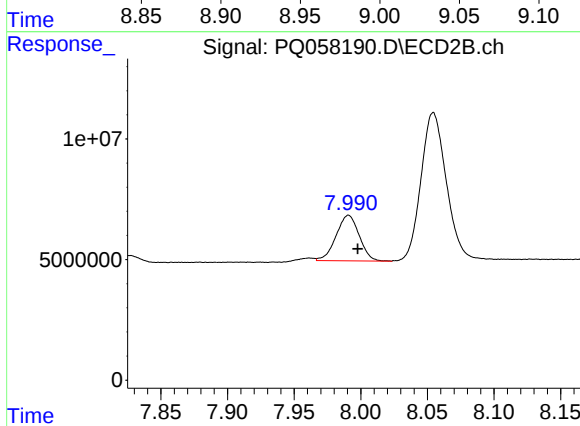
#37 AR-1262-2

R.T.: 7.704 min
Delta R.T.: -0.007 min
Response: 116313955
Conc: 65.91 ng/ml



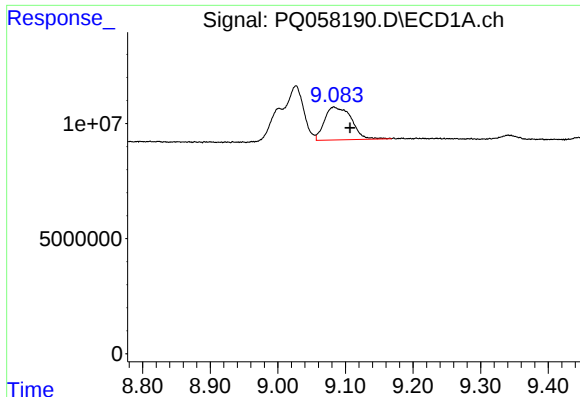
#38 AR-1262-3

R.T.: 9.002 min
Delta R.T.: -0.005 min
Response: 17171098
Conc: 23.37 ng/ml



#38 AR-1262-3

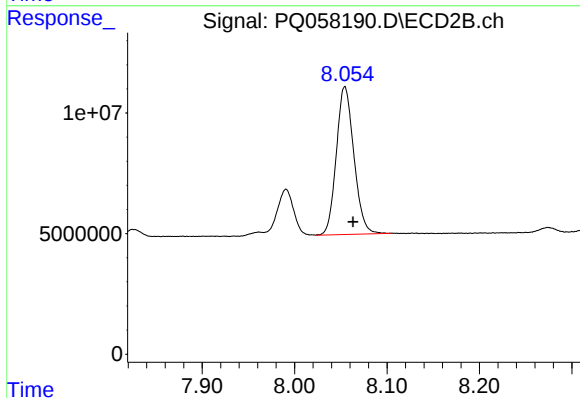
R.T.: 7.991 min
Delta R.T.: -0.007 min
Response: 22807555
Conc: 33.68 ng/ml



#39 AR-1262-4

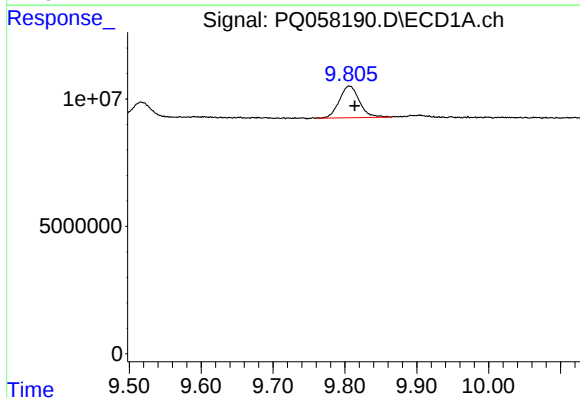
R.T.: 9.083 min
Delta R.T.: -0.024 min
Response: 39520609
Conc: 63.33 ng/ml

Instrument :
ECD_Q
ClientSampleId :



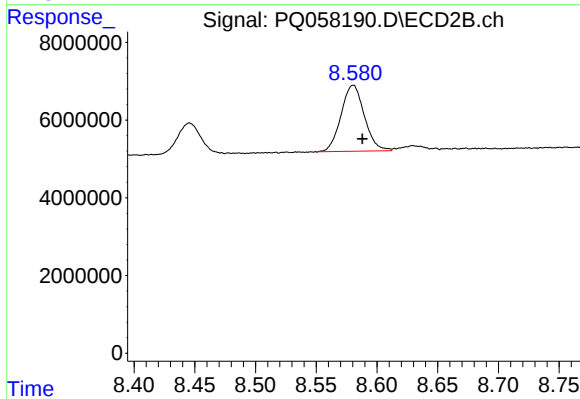
#39 AR-1262-4

R.T.: 8.054 min
Delta R.T.: -0.009 min
Response: 80902555
Conc: 64.67 ng/ml



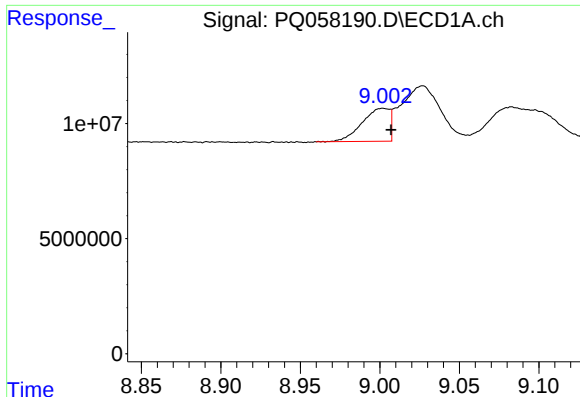
#40 AR-1262-5

R.T.: 9.806 min
Delta R.T.: -0.008 min
Response: 24258532
Conc: 40.50 ng/ml



#40 AR-1262-5

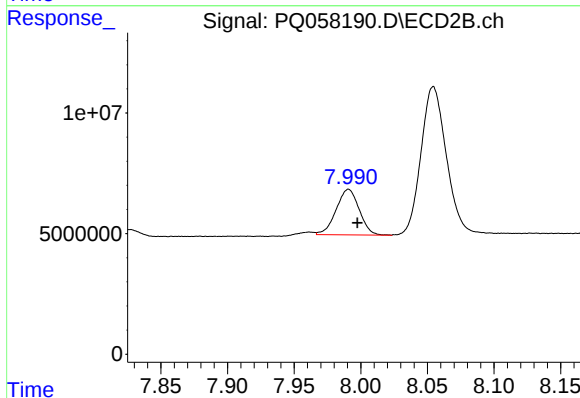
R.T.: 8.580 min
Delta R.T.: -0.008 min
Response: 22725858
Conc: 43.07 ng/ml



#41 AR-1268-1

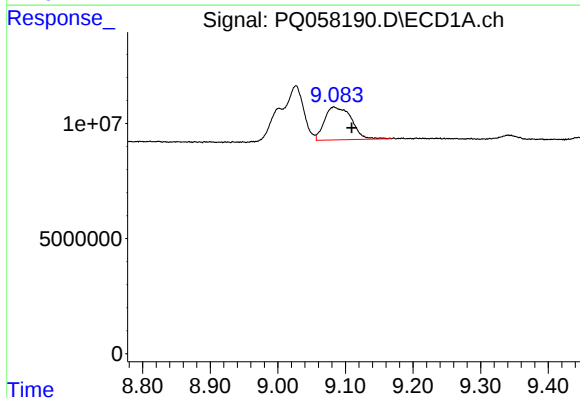
R.T.: 9.002 min
Delta R.T.: -0.005 min
Response: 17171098
Conc: 9.63 ng/ml

Instrument :
ECD_Q
ClientSampleId :



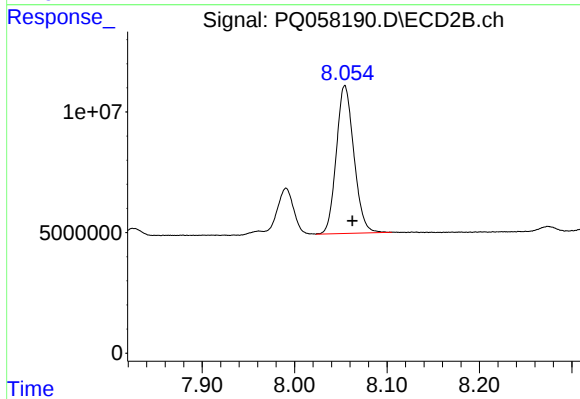
#41 AR-1268-1

R.T.: 7.991 min
Delta R.T.: -0.007 min
Response: 22807555
Conc: 11.42 ng/ml



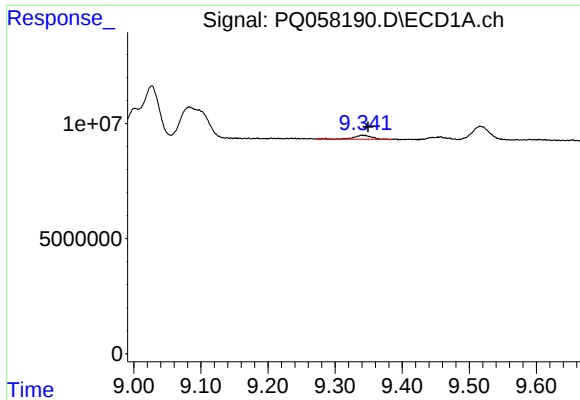
#42 AR-1268-2

R.T.: 9.083 min
Delta R.T.: -0.027 min
Response: 39520609
Conc: 20.97 ng/ml



#42 AR-1268-2

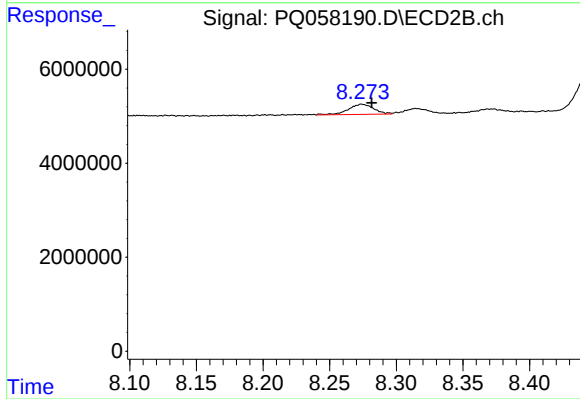
R.T.: 8.054 min
Delta R.T.: -0.008 min
Response: 80902555
Conc: 44.67 ng/ml



#43 AR-1268-3

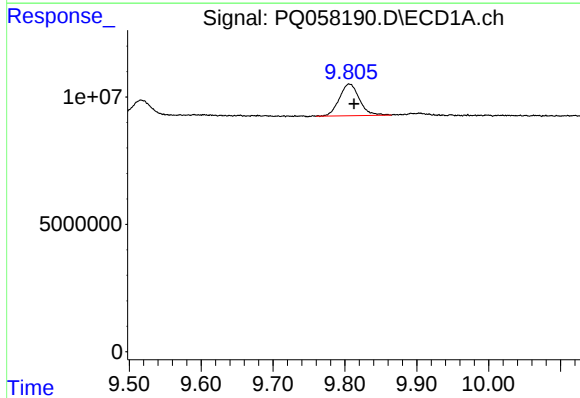
R.T.: 9.340 min
Delta R.T.: -0.009 min
Response: 3193303
Conc: 1.89 ng/ml

Instrument :
ECD_Q
ClientSampleId :



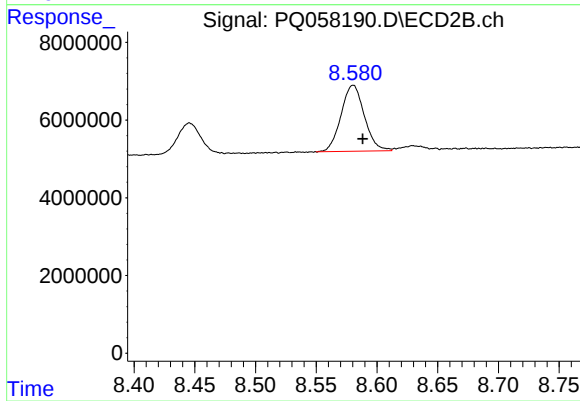
#43 AR-1268-3

R.T.: 8.274 min
Delta R.T.: -0.007 min
Response: 2882191
Conc: 1.85 ng/ml



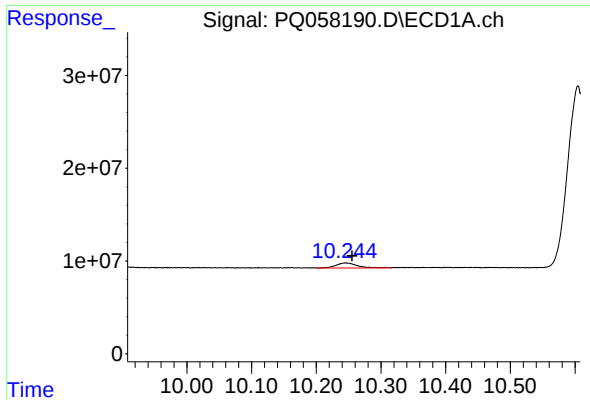
#44 AR-1268-4

R.T.: 9.806 min
Delta R.T.: -0.007 min
Response: 24258532
Conc: 38.52 ng/ml



#44 AR-1268-4

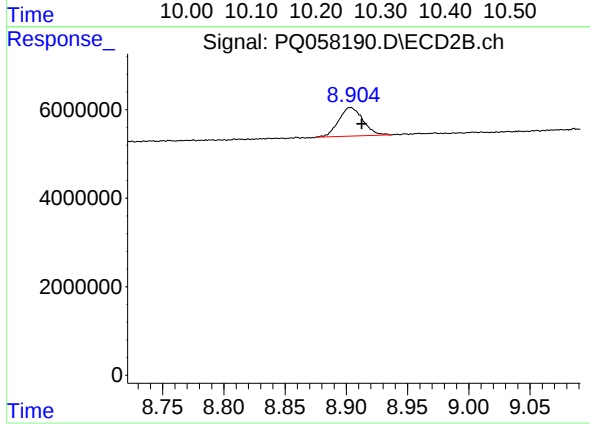
R.T.: 8.580 min
Delta R.T.: -0.008 min
Response: 22725858
Conc: 38.39 ng/ml



#45 AR-1268-5

R.T.: 10.245 min
Delta R.T.: -0.010 min
Response: 11812656
Conc: 2.14 ng/ml

Instrument :
ECD_Q
ClientSampleId :



#45 AR-1268-5

R.T.: 8.903 min
Delta R.T.: -0.009 min
Response: 8925032
Conc: 2.00 ng/ml